

3. ELECTROPHORETIC DISPLAY DEVICE

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PROBLEM TO BE SOLVED: To provide an electrophoretic display device which is improved in display performance by putting a technique including a dispersion system into microcapsules into practicability.

SOLUTION: This electrophoretic device is constituted by inclosing the microcapsules including the dispersion media colored by dyestuffs and the electrophoretic particles dispersed therein into a spacing between a transparent substrate and a counter substrate arranged to face the same and executes display action by the electrophoretic effect of the electrophoretic particles by the presence or absence of the voltage impression between the transparent substrate and the counter substrate. In such a case, the wall materials of the microcapsules are formed by including at least one kind among the fluorine compd, monomers expressed by the following formulas (1) to (7) as their components. In the formulas, R denotes a hydrogen atom or halogen atom or methyl group and (n) denotes an integer from 2 to 10.

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